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THE CALIFORNIA ECLECTIC MEDICAL JOURNAL

Incorporating
THE LOS ANGELES JOURNAL OF ECLECTIC MEDICINE
AND THE CALIFORNIA MEDICAL JOURNAL

ISSUED MONTHLY

JUNE, 1915

O. C. WELBOURN, A. M., M. D., Editor

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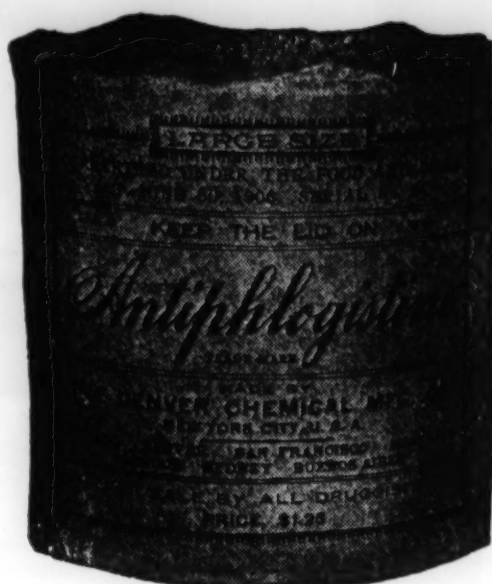
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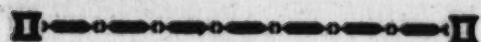
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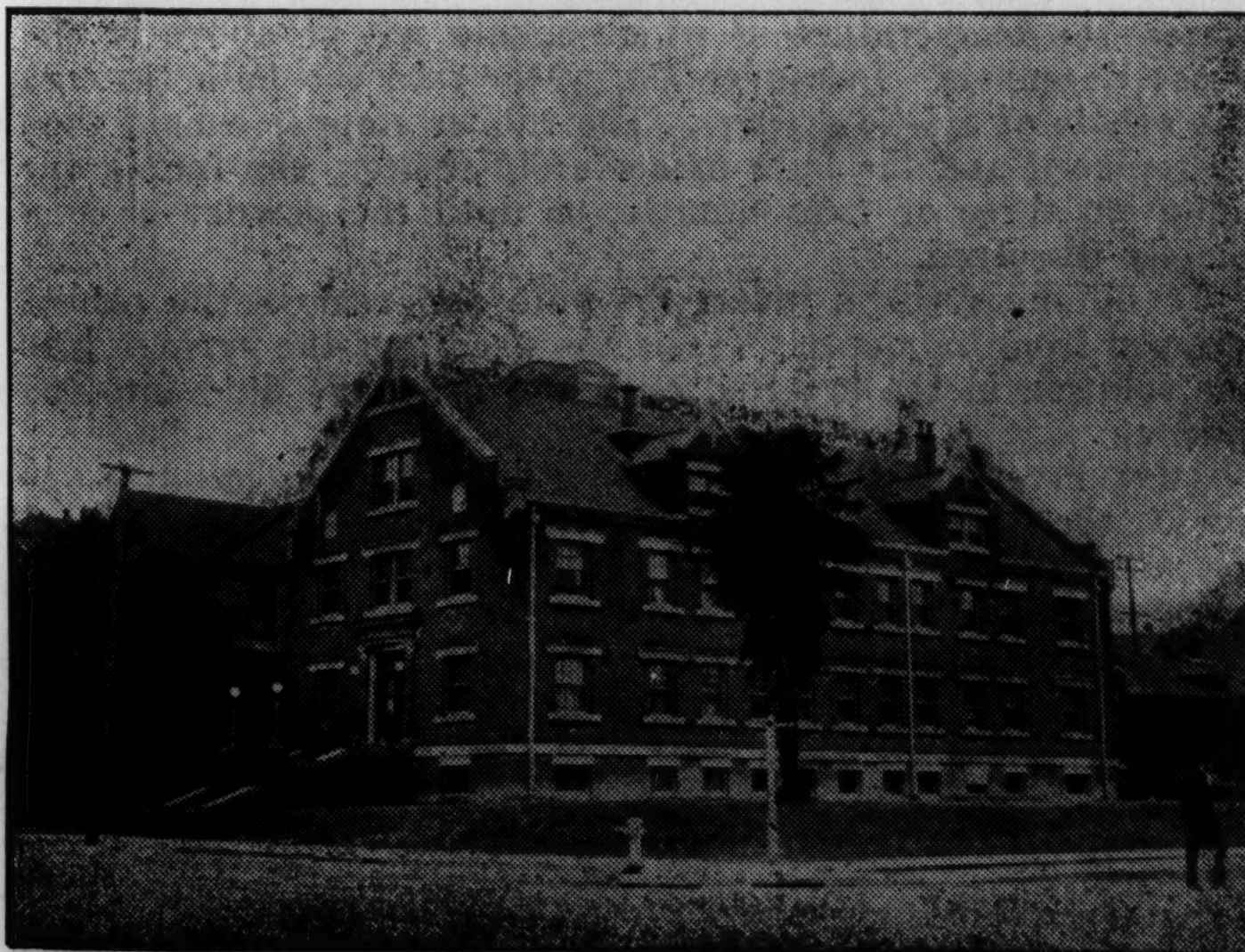
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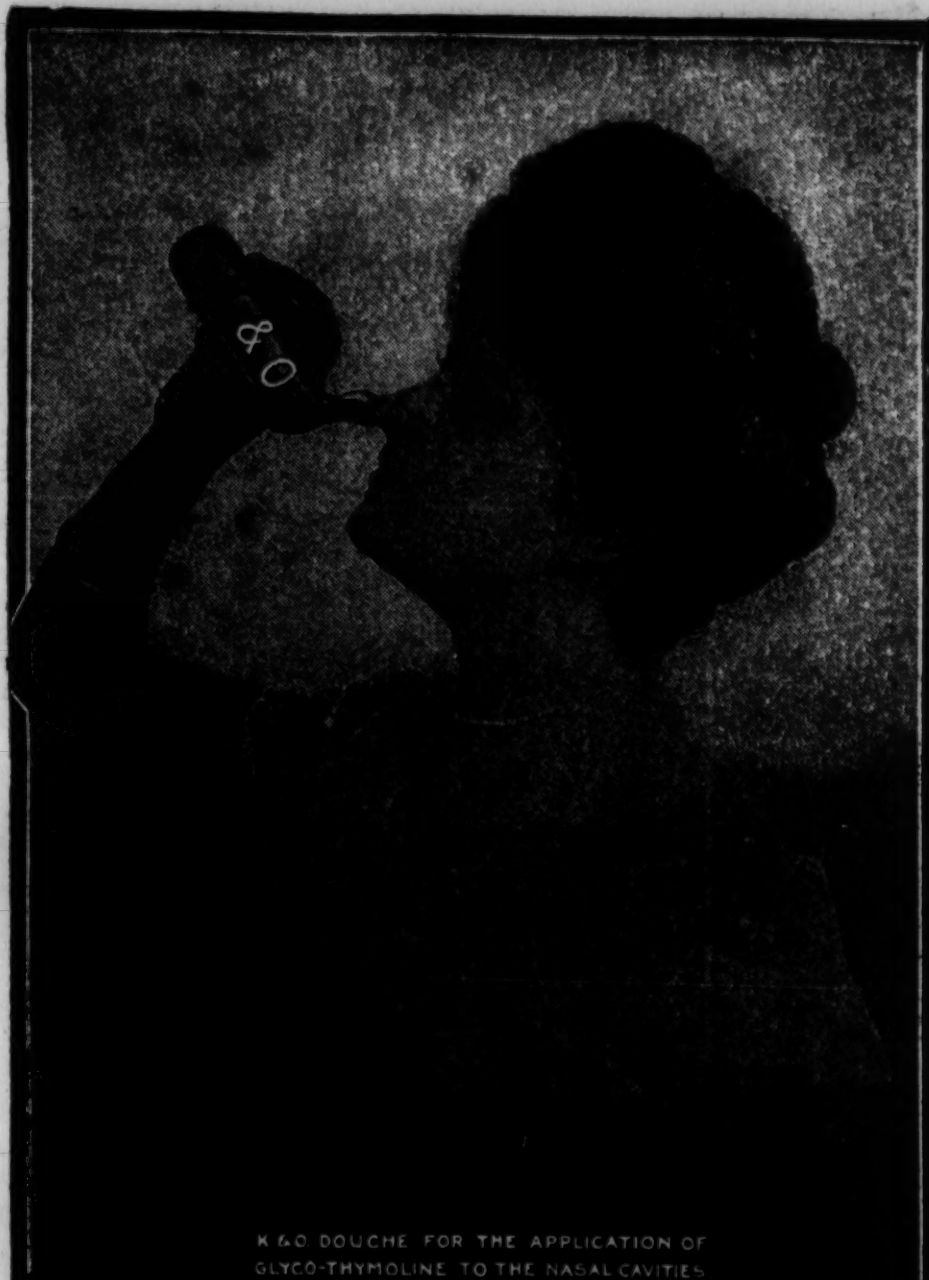
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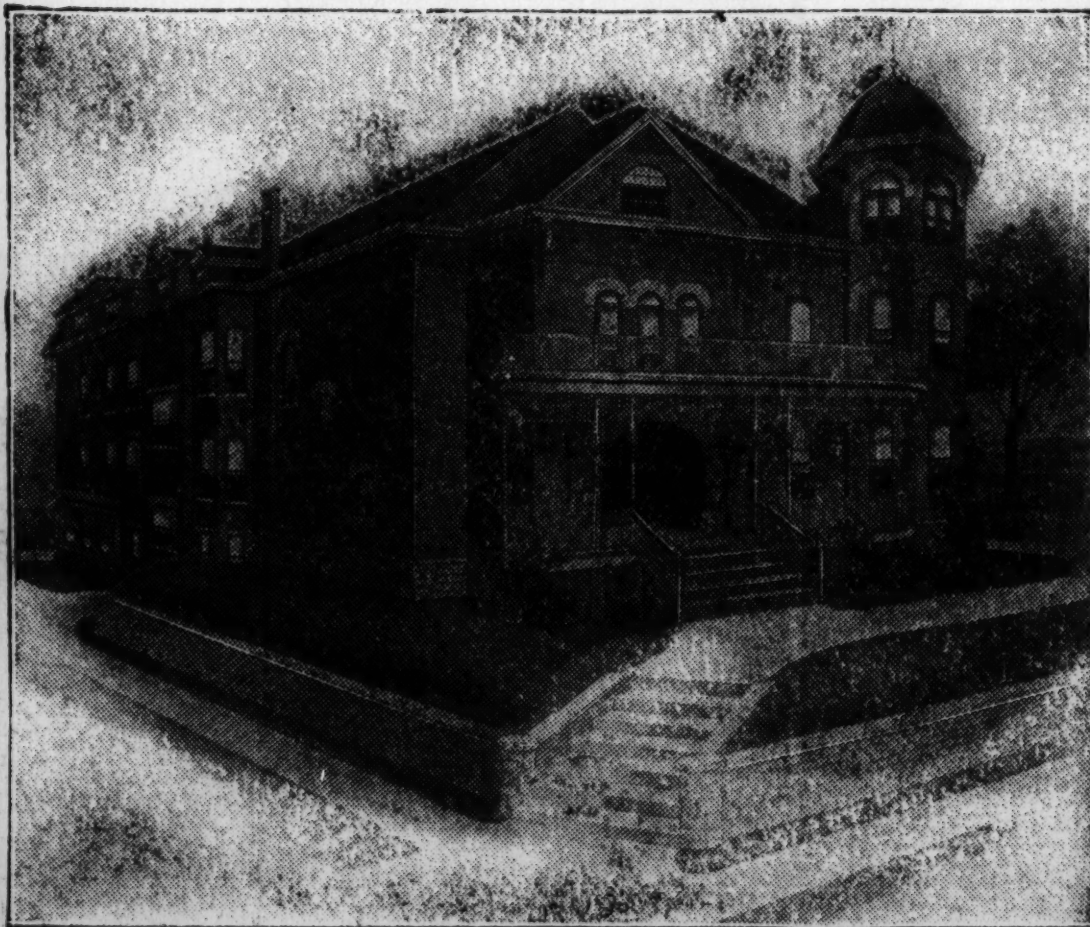
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The California Eclectic Medical Journal

Vol. VIII.

JUNE, 1915

No. 6

Original Contributions

THE ACTION OF PHYTOLACCA

Herbert T. Cox, M. D.

(Read before the Southern California Eclectic Medical Association.)

Although we know considerable about the therapy of Phytolacca, we have a great deal more to learn about how it acts. First let us review the symptomatology and therapy with which we are all more or less familiar.

The indications are: Enlargement, inflammation or pain in glands or glandular structure, mucous surface or fauces full, and of a dark color, ash colored exudation on mucous membrane of buccal cavity, depressed function and imperfect. Pains of a rheumatic character from deficient katabolism. Inflammation, irritation and ulceration of mucous membranes when lymphatics and elimination are sluggish. Also in all skin diseases.

Therapy: It is useful in various forms of adenitis, granular conjunctivitis, ulcers and cutaneous diseases in general. Ophthalmia and blepharitis. Obstinate eczema, tonsillitis, pharyngitis, mastitis, ovaritis, orchitis, parotitis and its metastasis to the testis. Obesity when due to sluggish lymphatics. Torpidity and passive congestion of the liver. It is a remedial agent of great usefulness in a large number of chronic conditions in which the secreting, absorbing and eliminating functions have become impaired. It is one of our most efficient remedies in the chronic form of articular rheumatism. Phytolacca being one of our most popular Eclectic remedies, there is not an Eclectic physician of any moderate amount of experience who has not seen its good work accomplished in most of the above conditions many times over.

Now let us turn to its classification as to its therapeutic

properties. We find it classed by various authorities as follows: Emetic, purgative, chologogue, resolvent, anti-scorbutic, anti-syphilitic, somewhat narcotic, secreto-motor stimulant, and alterative in small continued doses.

Also let us look at its physiological action: It is an emeto-cathartic, but it is one of the slower and depressing emetics. Large doses produce dimness of vision, drowsiness and vertigo. Lowers cardiac movement and respiration. Acts on the spinal cord or principally on the medulla, as a motor-depressant. It is first stimulant in small dose and then depressant in large dose to the peripheral nerve endings. It is eliminated chiefly by the kidneys. Its physiological action has been compared to Potassium Iodid and Veratrum.

A glance at the constituents will also be of value in the consideration of its action. The constituents are given as resin, glucoside, sugar, starch, gum, fat. Amorphous phytolaccic acid obtained by Terreil in 1881; soluble in water. Crystalline alkaloid phytolaccine obtained by Preston in 1884, which is moderately soluble in water. Pape obtained 1.007% of ash, two-thirds of which was soluble in water, and 50% of which in caustic potash. Reichel in 1836 found 6.6% calcium malate in the drug. It will be noticed that the active medicinal constituents are readily soluble in water, which favors the absorption and the action of the drug when taken into the system; and probably enters the blood with very little change.

There is very little in the physiological action which serves as a guide to its therapeutic action. But it points to the fact that it is a secreto-motor stimulant to glandular epithelial structures. This being true, let us consider the finer points of its action.

From our physiology we learn that the cause of increase in both quantity and quality of the lymph is believed to be an increased activity in the secreting power of the endothelial cells. Therefore the medicinal dose of *Phytolacca* (according to its physiological secreto-motor actions) must produce a physiological stimulation of the endothelial cells, which results in a greater quantity and better quality of lymph being poured into the intercellular lymph spaces by the capillaries. All epithelium is richly supplied with nerve fibres which end in the cells themselves, the epithelial cells resting upon a basement membrane beneath which is always an abundance of lymphatics and lymph spaces from which lymph flows into the intercellular spaces of the epithelium constantly bathing the cells.

The function of this lymph is to provide the tissue cells

with those nutritive materials necessary to their growth, repair and functional activities, and to receive from the tissue cells their waste products prior to their removal by the blood and lymph vessels. If the cells are to continue in their customary functions it is necessary that this lymph contain and constantly supply proper nutritive material, and that it as constantly and rapidly remove all waste products. If this supply is not kept up in quantity and quality, the cells cannot repair themselves, and what is more, the lymph may become destructive to tissue vitality. The cells cannot carry on their regeneration and the lymph becomes more and more charged with katabolic products.

Now if we have a congested or inflammatory process in any of the epithelial membranes or glandular organs, *Phytolacca* increases the quality and quantity of lymph to the part and at the same time probably stimulates the trophic nerve endings in the epithelial cells themselves. The absorbing and eliminating epithelial structures in the body generally, are also stimulated and produce a purer state of the body fluids. These cells thus have more nutrition and stimulated trophic function with which to build; the accumulation of waste products which is fast clogging the microscopic spaces is lessened and the congested condition overcome or prevented. Thus toxins may be prevented from killing cells, or bacteria from gaining a foothold upon the partially or completely devitalized cells. The better the quality of the lymph the healthier is the state of the white cells which are always carried by it. Thus if we have an ulcerated condition or low grade inflammation of the epithelial surfaces any place in the body, *Phytolacca* increases the quality and quantity of the food supply for the germinal layer of cells, and their vital properties are at the same time stimulated so that mitosis can proceed and repair the damaged tissue.

Phytolacca is our favorite remedy in lymphadenitis. Now we erroneously speak of lymph nodes as glandular tissue, and the term lymph glands should be discarded. Histologically the lymph nodes are composed of lymphoid tissue which is classified as connective tissue, not as epithelial tissue. These lymph nodes are also abundantly supplied by lymph spaces. In any infection the neighboring lymphatic tissue becomes congested and hyperemic because of the action of the toxins or bacteria which follow the lymph channels. Now, if *Phytolacca* increases the quality of the lymph in any particular node which is congested, it aids the cells in overcoming the toxins and in removing the products of broken down protoplasm in particu-

lar. If an antitoxin is being produced by the body cells, this increased flow allows a greater quantity of the antitoxin to reach the battlefield, besides bringing more new recruits in the form of more white cells. If our remedy is not given early enough, or if the infection be too severe, then the battle may be lost, and suppuration result in that particular lymphatic area. Thus it probably is more satisfactory in low grade inflammations with sluggish condition of the lymphatics and deficient elimination.

It is eliminated chiefly by the kidneys and has a diuretic action. This is explained upon the same basis because of the epithelial character of the kidneys, and here products of sluggish metabolism are dumped into the sewer by the action of glandular epithelium.

Now, let us sum up. The action of *Phytolacca* is first as a direct secreto-trophic stimulant to glandular epithelium, and its ultimate action is probably upon all tissues in direct proportion to their lymphatic supply. Epithelium, especially the glandular type; and lymphoid tissue having the most abundant lymph supplies are most pronouncedly influenced. So we might state our specific symptomatology briefly this way: *Phytolacca* is indicated in inflammation or congestion of epithelial and lymphatic tissue. Therapeutically then, we apply it to inflammation of any organ or membrane containing these tissues. These are the salivary, mammary and thyroid glands, the pancreas, kidney, testis, ovary, tonsils, spleen, lymph nodes, all mucous, serous, endothelial and synovial membranes and epidermis of the skin. Its action in ophthalmia and in congested liver is accounted for by the abundant lymphatic supply in the eye and liver. Its action in obesity and chronic rheumatism is explained by its stimulating effect upon the overloaded lymphatics and glandular organs particularly the thyroid.

INGROWING TOENAIL—ITS NON-OPERATIVE TREATMENT

A. E. Tuchler, M. D., San Francisco, Cal.

This painful inflammatory condition of the large toe is of such frequent or common occurrence that the most elaborate surgical procedure for its correction is usually undertaken, resulting as a rule in a deformed toe.

And yet, this is easily and painlessly corrected by making the ingrowing nail an outgrowing one.

If the patient comes to the office with an inflamed toe, painful and swollen, take a 10 per cent solution of Ichthyol in water and apply for a few days on gauze and by keeping this dressing saturated with this solution, will soon reduce the swelling and relieve the pain. After this has been accomplished, then a little cotton is gently pushed under the corner of the nail. This can be changed every day and a little larger piece of cotton used. In a very short time the nail will have grown into the usual place where it should be.

The cause of this painful condition of the toe-nail is, that the corner of the nail is cut off and sometimes the flesh is dug into so as to cut some more of the nail out, with the idea to cure it, but which will only inflame it the more. In order to prevent this, the nail should be cut square across, so as to allow the corners to grow over the flesh like the rest of the nail.

It sometimes happens that proud flesh will complicate this inflammatory condition. After the swelling has partly subsided with the application of the Ichthyol solution, it will be necessary to destroy this exuberant growth. This can be done painlessly by applying once a day a powder composed of burnt alum, camphor and carbolic acid. This powder is especially valuable as an astringent, absorbent, and antiseptic dry dressing for indolent discharging wounds. It is put up by Squibb & Sons under the name of "Squibb's Surgical Powder." This powder will destroy this unhealthy growth usually by the third dressing. Then proceed as before, with the Ichthyol solution and by applying the cotton under the corner of the toenail every day until you have an outgrowing toenail.

THE COLLEGE

H. Ford Scudder, M.D., Los Angeles.

The College was chartered by special act of the Legislature as an educational institution not conducted for profit, in Oakland, California, in 1878, under the name of "The California Medical College."

The College was incorporated in 1887 and moved to San Francisco. After the fire in San Francisco in April, 1906, the College was removed to Los Angeles and the name changed to "The California Eclectic Medical College," the first term beginning October, 1907, and extending to June, 1908. The first two years in Los Angeles it was located at 846 Lyons St. Since 1909 it has occupied its present commodious quarters at 337½ South Hill St.



Purpose: "TO TEACH THE ECLECTIC SYSTEM OF MEDICINE AND SURGERY."

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Maintenance: The College is maintained by an income derived from the Alumni Association of the College, donations from friends interested in its welfare, all fees from students, and subsidies from the Trustees. This financial policy of the College has proven highly satisfactory during its thirty-five consecutive years of existence, as is evidenced by our present financial status, with a thorough, up-to-date equipment and no outstanding obligations.

Faculty: The Faculty consists of twenty-two professors and sixteen instructors, and contains the names of many of national reputation in the Eclectic School of Medicine.

Course of Study: The curriculum of the California Eclectic Medical College is graded and extends through a four years' course of thirty-six weeks in each year. It covers all the subjects in the manner prescribed by the California State Medical Law, and the work is fully accredited by the State Board of Medical Examiners. The next regular session begins Monday, September 13th, 1915. The term is divided into two semesters of eighteen weeks each. The first semester begins September 13, 1915, and ends January 29, 1916. The second semester begins January 31, 1916, and ends June 2, 1916.

Equipment: The College building, located at 337½ South Hill St., is fitted up and furnished with everything that is necessary for giving a complete modern medical education. Fully equipped laboratories for chemical, histological, physiological, pathological and bacteriological work are provided for the use of students. A well-stocked reference library is open for service; and an abundance of dissecting material is available at all times.

Requirements: The applicant for matriculation in the Freshman class, beginning September 13, 1915, must possess a diploma from a California High School or other school in the State of California requiring and giving a full four years' course of same grade, or other schools elsewhere requiring and giving a full four years' standard high school course, including two years of Latin, or its equivalent. Also, "In addition to the foregoing requirements, he shall present to the Board satisfactory evidence that BEFORE BEGINNING THE LAST HALF OF THE SECOND YEAR in the study of medicine he

has completed a course which includes at least one year of work, of College grade, in each of the subjects of Physics, Chemistry and Biology." An arrangement has been consummated whereby students matriculating in the Freshman class September, 1915, may at the same time do the required one year's work in Physics, Chemistry and Biology at the Los Angeles Junior College, located on North Hill St., ten minutes' walk from our College. It should be explained that the Los Angeles Junior College is a part of the public instruction of the State of California, and as such its work is fully accredited everywhere. The courses given are identical with those given in the first two years of the Science Departments of our various State Universities.

The course in Physics, Chemistry and Biology is outlined as follows:

Physics: Two lectures and one afternoon laboratory work per week.

Chemistry: Three lectures and two afternoons' laboratory work per week.

Biology: Five hours a week, including laboratory work.

The course of study for the Freshman class will be so arranged that while the student is pursuing this course in Science at the Los Angeles Junior College he will at the same time be given some of his Freshman medical course: Physiology, Embryology, Histology, Anatomy and Dissections, etc.

Advanced Standing; Medical: Graduates of other recognized medical colleges desiring to receive a degree from this college must regularly matriculate and complete the full Senior year's work Preliminary requirement, a standard four-year high school course.

Under-graduates from other recognized medical colleges will be admitted to the Sophomore, Junior or Senior classes upon presentation of properly certified credentials, showing full attendance, passing grades in all subjects of the respective years, and a clear moral and financial record from the college from which they come. Preliminary requirement, a standard four-year high school course.

Advanced Standing; Osteopathic: In accordance with a ruling of the State Board of Medical Examiners, passed at their meeting, June, 1914, all graduates of recognized osteopathic colleges desiring to receive a degree from this college are admitted to the Junior year. They will be required to complete

the full work of the Junior and Senior years. Preliminary requirement, a standard four-year high school course.

The Board of Trustees of the College further requires that every candidate for graduation shall have passed a satisfactory examination in this College before the close of the last semester of the Senior year, in each and every State Board subject before being granted his or her diploma.

Instruction: It is only by individual instruction in the small class, where the student comes into close touch with the teacher, that he can do his best work and make the greatest progress. This relation between the teacher and pupil is not only an advantage in the class room, but applies with equal force to the laboratory, clinic and hospital. For serious work the small class is always preferable to the large one, as is easily proven, and is the method that is followed in this College for imparting instruction.

Co-Education: The college is a co-educational institution, and qualified students of either sex are admitted on the same terms. There is an important and growing field of usefulness for women physicians, and they should have an equal chance with the men in preparing for their life work.

Clinics: The college maintains a free dispensary at the college building, open from 12 to 2 P. M. daily, excepting Saturday, when the hours 1 to 5 P. M. are devoted to the clinic for Eye, Ear, Nose and Throat work. In connection with the dispensary is a well stocked drug room with a registered pharmacist in charge. At this dispensary last year about 1500 cases were treated and about 1000 prescriptions refilled.

The Junior and Senior classes are required to attend the college clinics, the surgical clinics at the Los Angeles County Hospital every Saturday from 8 to 12 A. M., also all cases of special interest that are demonstrated clinically at the Westlake and other Los Angeles hospitals through the operation of the College Hospital Fund.

Even if the medical profession is said to be overcrowded, the qualified Eclectic need have no fear of the future. There is a loud call for Eclectic physicians, from all over the land, but the supply of men is not sufficient to meet the urgent demand. No field of activity offers greater inducements to the ambitious young man than does the study of Eclectic Medicine. Many desirable places stand open and ready to welcome him to success and fortune, that for lack of men remain unoccupied. The cry is for more men. Let the ranks be filled!

CALIFORNIA STATE BOARD QUESTIONS

(Continued)

ECLECTIC MATERIA MEDICA**H. V. Brown, M.D.**

10 A. M., April 15, 1915

1. What is opium? How obtained? Name the important constituents, artificial, alkaloid and important official preparations. State the parts affected, and mode of operation of the drug.
2. Discuss anesthetics, their general mode of action; the advantages and disadvantages of each.
3. Give the physiological action, the specific symptomatology in general conditions, and during labor, and the dosage of Specific Medicine Ergot.
4. Name the various kinds of stimulants, give example of each and give the specific symptomatology for Nux Vomica.
5. Name the important Nitrites, the form and manner of administration, dosage and their action upon the circulatory apparatus.
6. Differentiate Digitalis, Strophanthus and Apocynum, physiologically, and give the specific indications for each.
7. Differentiate Lobelia and Ipecacuanha as to their actions upon the respiratory tracts.
8. Name and give dosage of the active principle of Podophyllum. Give its course through, and elimination from, the body, regardless of method of administration, and its specific symptomatology.
9. Differentiate between the therapeutic actions of Phytolacca, Echinacea and Iodides.
10. For what form of intestinal parasite is each of the following drugs remedical: Santonin; Spigelia; Aspidium; Felix-Mas; Pelletierine Tannate.
11. Discuss the various actions of remedies upon the kidneys, and give an example of each.
12. Write a prescription containing more than two ingredients and describe the condition for which it is given.

(Answer ten questions only)

HYGIENE AND SANITATION**A. M. Smith, M.D.**

10 A. M., April 15, 1915

1. How would you render a section healthful as regards malaria?

2. How is uncinariasis spread? What precautions would you advise to prevent its spread?
3. Describe the technique and dose of preventive inoculation against typhoid fever.
4. What hygienic advice would you give to a person suffering from syphilis; from gonorrhea?
5. Distinguish between contagious disease and infectious disease. Give examples of each.
6. Define epidemic disease; endemic disease; sporadic disease. Give examples of each.
7. How much air space per person would be required in a hospital, in an assembly hall, in a prison? What is the best ventilating system?
8. What substances do you consider of serious moment in the examination of drinking water? What do you consider necessary to render filtration of water safe?
9. Discuss the preventive measures to be pursued in case a single member of a family is affected with pulmonary tuberculosis.
10. Briefly discuss the disposal of sewage.
11. What are the theories of immunity?
12. Name five ways of destruction of infectious-bearing material.

(Answer ten questions only)

PHYSIOLOGY

Dr. W. W. Vanderburgh

10 A. M., April 16, 1915

1. (a) Name the muscles of the ciliary body.
(b) What is the function of the choroid coat?
2. (a) Name four kinds of muscle stimuli.
(b) Discuss tetanus.
3. (a) What is the function of the suprarenal capsule?
(b) Give function of the pituitary body.
4. (a) Name the salivary enzymes.
(b) Name the pancreatic enzymes, and describe fully the action of two of them.
5. (a) Name the bile salts and bile acids.
(b) Describe test for bile pigment.
6. (a) Describe the digestion of fats.
(b) Describe the digestion of proteids.
7. Discuss the internal secretions of the liver.

8. What is the effect of a destructive lesion in the posterior limb of the internal capsule.
9. Discuss shock.
10. (a) Discuss the reflexes in paralysis of spinal origin.
(b) Discuss the reflexes in paralysis of cerebral origin.
11. Discuss the dangers of blood transfusion.
12. Describe five skin reflexes.

(Answer ten questions only)

FOR PHYSICIAN AND SURGEON APPLICANTS ONLY
BACTERIOLOGY AND PATHOLOGY

H. E. Alderson, M.D.

2 P. M., April 16, 1915

1. Describe accurately the lepra bacillus and describe fully an accepted method used in the identification of the same in tissue sections.
2. Describe the tetanus bacillus, its cultural characteristics, and an accepted method of identification of the same.
3. Describe the bacillus pestis, its cultural characteristics and an accepted method of identification of the same.
4. Discuss the field of usefulness of the guinea pig in bacteriological diagnosis.
5. Describe and discuss the etiological agent of malignant oedema.
6. Describe and discuss the accepted method of manufacturing diphtheria anti-toxin.
7. Describe the microscopic and gross changes that would be found in bone affected by syphilis.
8. Describe the gross and microscopic appearance of the thyroid in goitre (on transverse section).
9. Describe accurately the microscopic appearance seen in syphilitic gumma.
10. Discuss the origin and development of pigment-celled sarcoma and describe accurately the microscopic appearances.
11. Discuss the histopathological changes occurring in senile skin and describe accurately one lesion commonly appearing in the same.
12. Describe accurately the various steps in preparing a piece of tissue for careful systematic microscopic study and give the reasons for each step.

(Answer ten questions only)

Questions Nos. 4 and 12 must be answered by all applicants.

ANATOMY AND HISTOLOGY**W. R. Molony, M. D.**

1. What is and what surrounds the internal capsule of the cerebrum at the level of the body of the lateral ventricle.
2. An extensive hemorrhage in the above region on the left side involving the entire extent of the internal capsule will affect the nerve supply to what parts?
3. Give the histology of the cortex of the cerebellum.
4. (a) Give the nerve supply to the upper and lower teeth.
(b) Give the cutaneous nerve supply to the toes.
(c) Give the cutaneous nerve supply to the fingers.
(d) Give the cutaneous nerve supply to the anterior abdominal wall.
(e) Give the cutaneous nerve supply over forehead.
5. (a) Give the motor nerve supply to the extensors of the hand.
(b) Give the motor nerve supply to the extensors of the leg.
(c) Give the motor nerve supply to the constrictors of the pharynx.
(d) Give the motor nerve supply to the flexors of the leg.
(e) Give the motor nerve supply to the abductors of the upper arm.
6. Define leucocytes; where found in the body, and illustrate varieties by drawing.
7. Give varieties of epithelial cells; diagram each variety and tell where usually found.
8. Describe (briefly) the pelvic fascia in the male.
9. To what bone may the following parts belong: Olecranon Process; Mastoid Process; Coracoid Process; Coronoid Process; Condylod Process; Styloid Process; Malleolar Process; Greater Tuberosity; Greater Trochanter; Cribiform Plate; Frontal Sinus; Maxillary Sinus (Antrum of Highmore); Musculo Spiral Groove; Foramen Spinosum; Foramen Rotundum; Foramen Ovale; Alveolar (inferior dental); Foramen Mental; Foramen Magnum; Foramen Orbital.
10. Describe the stomach bed.
11. Discuss the round ligament of the uterus, including its histology.
12. Give contents of carotid sheath.

(Answer ten questions only.)

**GRADUATES OF THE CALIFORNIA ECLECTIC MEDICAL
COLLEGE****RALLY ROUND YOUR SCHOOL**

**The Alumni Association Wishes to Meet in San Francisco Week
of June 14th to 18th, 200 Strong**

**Headquarters: Hotel Plaza
Post Street, Corner of Stockton**

Any graduate of the college who is not doing something in some way to identify himself with or aid his school is not doing his duty toward himself, his Alma Mater or the cause for which we stand. Every graduate should rally to the support of the college in some manner. We cannot all do the big things required, such as sacrificing the time and work necessary to teach, as is done by the Faculty, or to meet the heavy financial obligations, as is done by the Board of Trustees, but all can do a little, and one of the best ways to do this is to join the Alumni Association and through it contribute what you can toward the support of your teaching institution, the existence of which is absolutely necessary for us all.

The Association was reorganized in 1912 and already has nearly a majority of the living graduates as contributing members, besides faculty, life, and honorary members.

The high ideals and objects of the Association are set forth in the following Article I:

“To work for the promotion of the prosperity and best interests of the California Eclectic Medical College, and to keep alive the love and loyalty of its graduates for their Alma Mater. To work for the higher interests of the medical profession in general, its members in particular, and to maintain and cultivate good feeling and fellowship among the Alumni. To advance the science of medicine and medical education by the diffusion of the sound and rational principles of Eclecticism and thus promote the cause for which we stand. To establish prizes for students, endow scholarships for free or partially free medical education at the college for sons of Alumni whose means are limited; and to aid in the increase and upkeep of the college laboratories, and the endowing and supporting of its chairs of didactic teaching, that its additional facilities may meet its increasing requirements, and its high educational standards may continue.

“For these latter purposes the Association solicits and will receive through its President or Secretary-Treasurer dona-

tions and subscriptions of money; bequests of books, magazines, etc., to the college library; of scientific collections allied to medicine and surgery, and of anatomical and pathological specimens for the museum; and gifts of instruments, apparatus, medicines and supplies which can be used for clinics, laboratories, etc."

Its active membership consists of the graduates, the faculty and the trustees of the college, the fees being \$1.00 with application and an annual contribution of at least \$1.00. Life membership \$10.00. The funds are used in strict accordance with the requirements of the foregoing Article No. 1, and have already proven a substantial aid in support of the school.

The following are the officers for this eventful year 1915:

President—Dr. Wm. A. Harvey, San Francisco, class of 1888.

1st Vice-President—Dr. Benj. N. Childs, Santa Maria, Cal., class of 1895.

2nd Vice-President—Dr. H. W. Hunsaker, San Francisco, class of 1890.

3rd Vice-President—Dr. E. A. Ormsby, Centerville, Cal., class of 1896.

4th Vice-President—Dr. Rosa Munda Sinclair, Shasta Retreat, class of 1902.

5th Vice-President—Dr. J. Albert Born, Spokane, Wash., class of 1897.

6th Vice-President—Dr. Judson Liftchild, Ukiah, Cal., class of 1893.

7th Vice-President—Dr. Florence V. Cheney, Turlock, Cal., class of 1891.

8th Vice-President—Dr. J. W. Hammond, Byron, Cal., class of 1897.

9th Vice-President—Dr. W. W. Wimer, Honey Grove, Tex., class of 1904.

10th Vice-President—Dr. L. B. Weatherbee, Oakland, Cal., class of 1909.

Secretary-Treasurer—Dr. J. Fraser Barbrick, Los Angeles, class of 1910.

Censors—Dr. Hanna Scott Turner, Pomona, Cal., class of 1887; Dr. Carl L. Murray, Sacramento, Cal., class of 1890; Dr. Elmer C. Bond, Healdsburg, Cal., class of 1899.

Executive Committee—Dr. A. S. Tuchler, San Francisco, class of 1892; Dr. H. Ford Scudder, Los Angeles, Faculty Member; Ex-Officio the President and Secretary-Treasurer.

It is the hope of President Harvey and his staff officers

to make this a record-breaking year and the coming reunion at San Francisco during the State and National meeting, June 14th to 18th, the largest in the history of the college. To this end every graduate should send to the Secretary-Treasurer his or her application with the fee of \$1.00, together with name in full, address and graduation year, and indicate the amount of their annual contribution and whether they will attend the meeting or not. We want to hear from every graduate of the college, with their membership application, if possible, but at least we want to hear from each and everyone with full name, address and graduation year, that the records may be kept as complete and up to date as possible. Also everyone who can, should attend the meetings in San Francisco this year, as never again will the opportunity be given you to attend all in one week the meetings of the National Association, the State Society and the Alumni Association of your college and at the same time see the greatest and most beautiful of all the world's fairs. Come and meet your old classmates and renew old acquaintances; come and meet face to face the big men of the Eclectic world—they'll all be there—come and listen to the papers and take part in the discussions; come and enjoy yourselves. And if you can't come, write; we must either see or hear from you.

Fraternally yours,

WILLIAM A. HARVEY, President.

J. FRASER BARBRICK, Secretary-Treasurer

Send applications and communications to the Secretary-Treasurer, 641 Consolidated Realty Building, Los Angeles, Cal.

THE CALIFORNIA ECLECTIC MEDICAL JOURNAL

The Official Organ of the Eclectic Medical Society of the State of California, the California Eclectic Medical College, the Southern California Eclectic Medical Association, the Los Angeles County Eclectic Medical Society and the Los Angeles Eclectic Polyclinic.

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Contributions, Exchanges, Books for Review and all other communications should be addressed to THE CALIFORNIA ECLECTIC MEDICAL JOURNAL, 818 Security Building, Los Angeles, California. Original articles of interest to the profession are solicited. All rejected manuscripts will be returned to writers. No anonymous letters or discourteous communications will be printed. The editor is not responsible for the views of contributors.

OUR SAN FRANCISCO MEETINGS

The annual meeting of the California Eclectic Medical Society will be held in San Francisco the week beginning June 14th, and it is the hope of the officers that a full attendance will be present. The program for this meeting is somewhat unusual but none the less important. The conspicuous feature is that our State Society will act as host to the National. It is generally conceded that Californians know how such an occasion should be celebrated, therefore it behooves us to live up to our reputation. Get in touch with the entertainment committee and learn of the good things that are in store for you.

C. E. M. C. COMMENCEMENT

The graduation exercises of the California Eclectic Medical College will be held in Blanchard Hall on the evening of June 4th. This is the thirty-seventh celebration of the graduation of a class from this institution, and it is the belief of those responsible for the program that as a function it will be the most enjoyable of them all. The "piece de resistance" will be the address by Prof. John Uri Lloyd.

The faculty and class extend a cordial invitation to all friends of Eclecticism as well as their personal friends.

CALIFORNIA ECLECTIC MEDICAL COLLEGE COMMENCEMENT PROGRAMME

Music—March, "Blue Ribbon".....	Kahler
Invocation.....	Rev. Wm. Carey Bailey
Music—Serenade	Drigo
Dean's Report.....	J. A. Munk, M. D., Dean
A Layman's Appreciation of Eclectic Medicine.....	
.....	Judge Wm. A. Spill
Music—Selections, "High Jinks".....	Frimil
Address.....	Prof. John Uri Lloyd, Phar. M.
Music—Trio, "Perfect Day".....	Bond
Conferring Degrees.....	O. C. Welbourn, A.M., M.D., President Board of Trustees
Music—"Melodie".....	Rev. Wm. Carey Bailey
Music—March, "Light Guard".....	Gibson

THE INTRA-SPINOUS INJECTION OF SALVARSAN AND SALVARSANIZED SERUM

In the July, 1914, issue of "The Critic and Guide," in an editorial on "The Intra-Spinal Treatment of Syphilis," I expressed an unfavorable opinion of that method. I stated there:

"I have studied every case reported in this country and abroad, read in an unbiased and analytical manner, and my positive conclusion is that the intradural method, even leaving out its dangers and its disagreeable by-effects, offers no more than, if as much as, does the old-fashioned treatment by mercury and iodine. None of the cases reported presented positive unmistakable improvement as a result of the treatment. Improvement occurred in some, but improvement and remissions in cases of tabes and general paresis occur with any treatment and without any treatment. The Wassermann reaction improves under the intradural salvarsanized serum treatment, frequently becoming negative, but the Wassermann reaction does not seem to be a reliable criterion of the condition of the parasyphilitic states. The Wassermann may become negative, the cell count and globulin may show great improvement and still all the subjective and objective symptoms may remain the same or become aggravated."

Careful observers are coming exactly to the same conclusions. In a paper entitled "The Dangers and Fallacies of Intra-Spinal Injection of Salvarsan," published in the Lancet-

Clinic (February 13, 1915) Dr. William Ravine expresses himself very emphatically against the method. He asks: "What is accomplished by the Swift-Ellis method of treatment?" and he rightly answers: "Wassermann plus is changed to negative. The number of lymphocytes in the cerebro-spinal fluid is reduced. Globulin reaction becomes negative. In other words, the improvement shown is a biochemical or laboratory improvement. The high cell count and the globulin reactions are the manifestations of an inflammatory process, and it is questionable whether its reduction is going to be a distinct advantage to the patient; we must not lose sight of his general condition. Clinically, no results are reported aside from the fact that the patients are reported as feeling better. What a variable quantity this is!"

His summary is as follows:

(1) The direct introduction of salvarsan and neosalvarsan into the spinal canal has been almost entirely abandoned, as it is fraught with the greatest amount of danger. (2) The chief reliance in the Swift-Ellis method is in the initial intravenous injection. (3) The nervous system is accessible through the blood stream as arsenic is recovered from the spinal fluid after intravenous injection of salvarsan. (4) The amount of arsenic injected by the Swift-Ellis method is only infinitesimal, and the changes brought about are no doubt due to the initial intravenous injection, or to the repeated lumbar punctures, or to the dilution of the cerebro-spinal fluid. (5) The changes brought about by this method are only those of the laboratory; clinical recoveries are not reported; fatalities have resulted and cases have been decidedly made worse. (6) This method has not supplanted the time-honored use of mercury and K. I., plus our new addition, salvarsan. (7) The method is one that requires the greatest care as to asepsis, requires a full laboratory equipment, and can only be used in a well-organized hospital, and is not applicable for the general practitioner. It is very painful, opiates having to be given to relieve severe pains in the extremities.

We believe that the time is not far distant when the intraspinal injection of salvarsan, neosalvarsan or salvarsanized serum will be considered in the light of criminal malpractice. And while we have the utmost faith in the sincerity of the vast majority of medical practitioners, we cannot help fearing that in some instances the specialist who recommends the treatment is more influenced by the high fees which this treatment commands than by the welfare of the patient, for we must remem-

ber that so far there is not a single record of unquestionable, permanent cure of a case of locomotor ataxia or paresis.—Ed. Ciciv and Guide.

THREE GOOD REMEDIES

John William Fyfe, M.D.

Aesculus Glabra—Buckeye

Aesculus a third of a century ago constituted a favorite eclectic remedy. It has been employed as a stimulant to the nervous system in some forms of paralysis with marked advantage and in diseases characterized by mental depression it has been found a needed medicant. In hemorrhoids, especially when there are sensations of constriction in the rectum, its usefulness has frequently been demonstrated, and in colicky pains in the region of the umbilicus, caused by irritation of the small intestines, its relieving influence is prompt and energetic.

In that form of asthma which is not markedly paroxysmal aesculus glabra has proved an exceedingly valuable agent. A number of years ago a lady sixty years of age came to the writer for relief from severe attacks of asthma. She had suffered greatly from her early womanhood. The patient was directed to take ten drops of specific aesculus in water every two hours. In two weeks she could sleep comfortably without having under her head the extra pillows which she had previously found necessary. She continued the medicine from three to six times a day for several months and was finally cured of the distressing condition. Aesculus glabra also exerts a relieving influence in the difficult breathing of consumptives, and is specially valuable when there is a sensation of constriction in the chest.

The dose of specific aesculus is from five to ten drops, but its good effects may be obtained by prescribing it as follows: R specific medicine aesculus, gtt. x to 3ii; water, 3iv. Teaspoonful every hour to every three hours.

Agaricus Albus—Boletus Laricis

Boletus is obtained from various fungus plants of the mushroom tribe. It has been employed in a large number of abnormal conditions with advantage. In the night sweats of consumptives, as well as in the diarrhea of such patients, it is a superior remedy, and it constitutes a useful medicament in periodical fevers, especially when the chills are brief and the

fever almost continuous. In diseases requiring a stimulant to the nervous system it has been used with gratifying results. Yellowness of the skin, aching of the back and joints, chills attended with flashes of heat and chills confined to the back are regarded as among the most reliable symptoms calling for this remedial agent.

The dose of agaricus is from five to thirty grains, but it may be effectively prescribed as follows: \mathcal{R} specific medicine boletus, gtt. x to xxx; water, \mathfrak{z} iv. Teaspoonful every two hours.

Chionanthus Virginica—Fringe Tree

Liquid preparations made from the bark of the root of this indigenous shrub are successfully employed in a number of abnormal conditions. In the treatment of jaundice chionanthus has no superior, and any condition requiring increased functional activity of the liver will be improved by the exhibition of this drug. Chronic inflammation of the liver has yielded to its influence after other approved remedies had failed to accomplish the desired result. Inflammation of the spleen also comes within its corrective range, and it is said to be useful in inflammation of the pancreas.

In all wrougs of life in which the skin resembles copper in color, but shades a little more on green, and the eyes show a yellowish or greenish discoloration, chionanthus may be depended on as a remedy that will exert an influence making for restoration to normal activity. Clay colored stools, high colored urine and pain in the epigastrium and right hypochondrium, resembling colic and sometimes extending down the abdomen, are also good indications for the exhibition of chionanthus.

The dose of specific medicine chionanthus is from five to twenty drops—Eclectic Medical Review.

SOCIETY CALENDAR

National Eclectic Medical Association meets in San Francisco, June 14, 15, 16, 17, 1915. T. D. Adlerman, M. D., New York, president; W. P. Best, M. D., Indianapolis, Ind., secretary.

Eclectic Medical Society of the State of California meets in San Francisco June 14-18, 1915. A. J. Atkins, M. D., San Francisco, president; H. F. Scudder, M. D., Los Angeles, secretary.

Southern California Eclectic Medical Association meets in Los Angeles, May 5, 1915. J. F. Barbrick, M. D., Los Angeles, president; H. C. Smith, M. D., Los Angeles, secretary.

Los Angeles County Eclectic Medical Society meets at 8

m. on the first Tuesday of each month. O. C. Welbourn, M. D., Los Angeles, Cal., president; K. E. Seeburger, M. D., Los Angeles.

SAN FRANCISCO MEETING NOTICE

Members of the Eclectic Medical Society of the State of California:

Your Committee on Arrangements and Entertainment announces that it has in your name extended to every member of the National Eclectic Medical Association a most cordial invitation to the meeting at San Francisco June 14-18, and promised a true, big-hearted California welcome to all and the largest and most enthusiastic meeting the National has ever held. Now we must make good, and we can and will if every member of the State Society will do his or her part.

While the State Society will act as a collective host to the National during this meeting, and because of this expects every member to be present, the committee suggests that each member should act as an individual host and appoint himself or herself a committee of one to receive our guests and look after their welfare, and thus show the visitors what a real California welcome means and make this a never-to-be-forgotten convention of our great National Association.

Fellow-members, this is our time to shine. This is our opportunity to show the world not only what California can do for "the stranger within her gates," but also to attract attention to the high ideals and wonderful achievements of Eclectic Medicine, which offers to all peoples, without force or compulsion, a kindly, safe and pleasant, yet scientific, system of healing, and asks in return only that patronage which its remarkable results justly merit. You should be proud to be identified with such a school of medicine, and if you are a representative Eclectic you will attend this meeting. The committee has selected the Hotel Plaza, Post and Stockton Streets, overlooking Union Square, as the official headquarters, and all officers of the National and officers and members of the State Society will be found there. Rates: European plan, single with bath, \$2.50 and up; double with bath, \$3.50 and up. These rates are extremely low, considering that June is one of the banner Exposition months. To obtain these low rates it will be necessary to make reservations at once, and the committee advises to write the hotel management direct, stating the number in your party, length of stay, number and price of rooms desired, and enclose \$5.00 per room as a deposit.

The sessions will be held in the Municipal Auditorium at

the Civic Center, Tenth and Market Streets, with street-car service direct from the hotel. June 18th is set aside and will be known on the Exposition grounds as "National Eclectic Medical Association Day."

Doctor, we have in that wonderful city of San Francisco the greatest of all "World's Fairs." We expect and wish to have the greatest and most enthusiastic meeting our National has ever known.

Will YOU be there? Will YOU come and help? **As a true and loyal Eclectic** you should come. **As a progressive physician** seeking the best interests of your patients you should come. You owe it to **your School of Practice**, to **your State Society** and to **yourself** to come. **Come** and bring your family and your friends. It will do you all good. The attendance will be large, the programme and entertainment exceptionally good, and while you may have to make a few sacrifices to come, we are sure you will be many times repaid, not only by the pleasure gained and given and the knowledge acquired, but by the thought that you have been faithful to the cause, have upheld your medical convictions and the school of your choice, and what is more, you will have "**done your duty.**"

(Signed) H. FORD SCUDDER, M. D., Sec'y.

COLLEGE NOTES

Herbert T. Cox, M. D.

Prof. A. P. Baird entertained the Junior Class Saturday, May 1st, at his home, "The Olive Branch," on Mahantonga Way. The day was somewhat damp, but between showers the boys tried their hand at excavating on the hillside around the doctor's residence, while the ladies enjoyed the beauties of the terraces and the scenery surrounding. A sumptuous repast was served at noon, while the rain beat down steadily outside. All the Juniors agreed that they had a most enjoyable time.

Dean Munk entertained the Freshman and Sophomore classes at his ranch near Compton on Saturday, May 8th. This is always an annual occurrence with Dr. Munk, and the students always have an enjoyable outing. The time was passed in looking over the many hundred medicinal and ornamental plants in the botanical gardens, and in various sports. Dr. Hill was much interested in trying to catch a chicken, as is shown by one of Dr. Munk's snapshots. This probably occurred before lunch, because all of the students swear that they had a swell array of good things to eat.

The Commencement exercises for 1915 will be held Friday

evening, June 4th, in Blanchard Hall, 231 South Broadway. The programme will begin at 8 p. m. and will be very interesting. A good speaker has been secured for the evening. Set this date aside and make it a special point to be there and help send the new class out into the cold, cold world.

H. J. C. Sprehn, M. D., class 1913, has returned to Los Angeles from San Francisco, where he has been for several months.

The Alumni will hold their annual meeting in San Francisco during the National Eclectic Medical Association meeting, which occurs June 14-18. All Alumni should make it a point to be there if possible and meet with the boys once again, and take in the National. Don't forget your Alma Mater; she needs your help and you need hers.

THE GRIP

I don't feel flip; I have the grip; and all my person's aching; all day I sneeze; one hour I freeze, the next hour I am baking. I have the grip, and nurses skip around me with their potions; the doctor shoos the words I use, expressing my emotions. Vile tasting pills, and salts and squills, my inside works I rake with; my bulging brow once helped, but now it's only fit to ache with. "Cheer up, cheer up, Old Buttercup," my neighbors all keep crying; "no man should whine, nor yet repine, until he's sure he's dying; and then by jing, he ought to sing until he splits a rafter, and steer his bark into the dark with optimistic laughter!" They make me hot—they haven't got this curse of all diseases, so they can chaff and dance and laugh, and spring their sunshine wheezes. I wish they'd cease to speak their piece, and toddle to their homes off; they do not ache and freeze and bake, and sneeze their doggone domes off! They do not drink a potion pink, of wormwood, from a dipper; first class they feel, so they can spiel of being blithe and chipper!

—Walt Mason.

NEWS ITEMS

Dr. Clinton Roath has returned from a visit to relatives in the East.

Dr. H. P. Riewel, Oceanside, accompanied a patient to the Westlake Hospital last month.

Dr. D. A. Stephens has located in Holtville, Imperial County, where he is building up a good practice.

Dr. M. B. Bolton, San Pedro, has been in the city fre-

quently during the past month. The doctor has a new Buick automobile.

There will be a meeting of the Board of Medical Examiners in June in San Francisco, and in July they will meet in Los Angeles.

Dr. J. F. Willard writes from Oklahoma, where he has been visiting his parents, that he will return to Los Angeles before the opening of the fall term of the College.

There was a large attendance of members and visitors at the joint meeting of the Los Angeles County Eclectic Medical Society and the Southern California Eclectic Medical Association on May 4th. The new officers of the Southern Society are: President, Dr. Barbrick; Vice-President, Dr. Cox; Secretary, Dr. Smith.

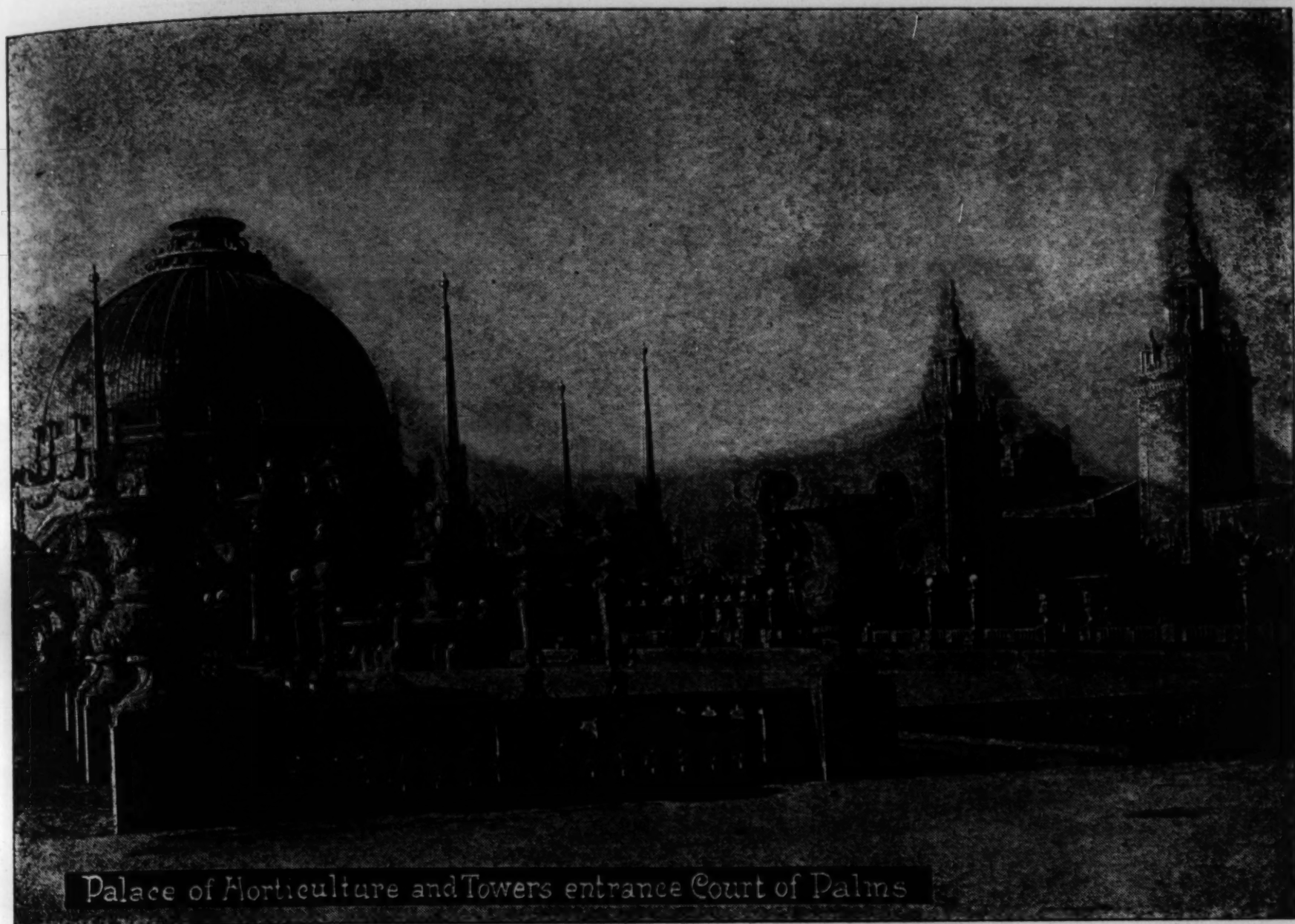
Carl L. Murray, MD., formerly of 1007 8th street, Sacramento, Cal., has moved and may now be found in the Stoll building, 5th and K streets, Sacramento, Cal.

The Department of Interior will permit automobiles to enter Yellowstone National Park on and after August 1, 1915, under rules and regulations that are now being formulated and will be available for distribution soon. The Goodrich National points of the country to Yellowstone.

The eye and ear surgeons of the Pacific Coast will meet in annual convention in San Francisco, June 15-17, 1915. An interesting program has been prepared.

FOR SALE—A splendid sanatorium near San Francisco. A great bargain. Established for years. This is a great opportunity to acquire an established practice and a paying institution. Write or wire for particulars to this office. We will forward it to its correct address.

FOR SALE OR RENT—Office of physician, in desirable location in a New England city of 100,000 inhabitants, center of the brass industry of this country, with many factories affording employment to skilled and highly paid workmen. For further particulars address Mrs. S. B. Munn, 35 Leavenworth street, Waterbury, Conn.



Palace of Horticulture and Towers entrance Court of Palms

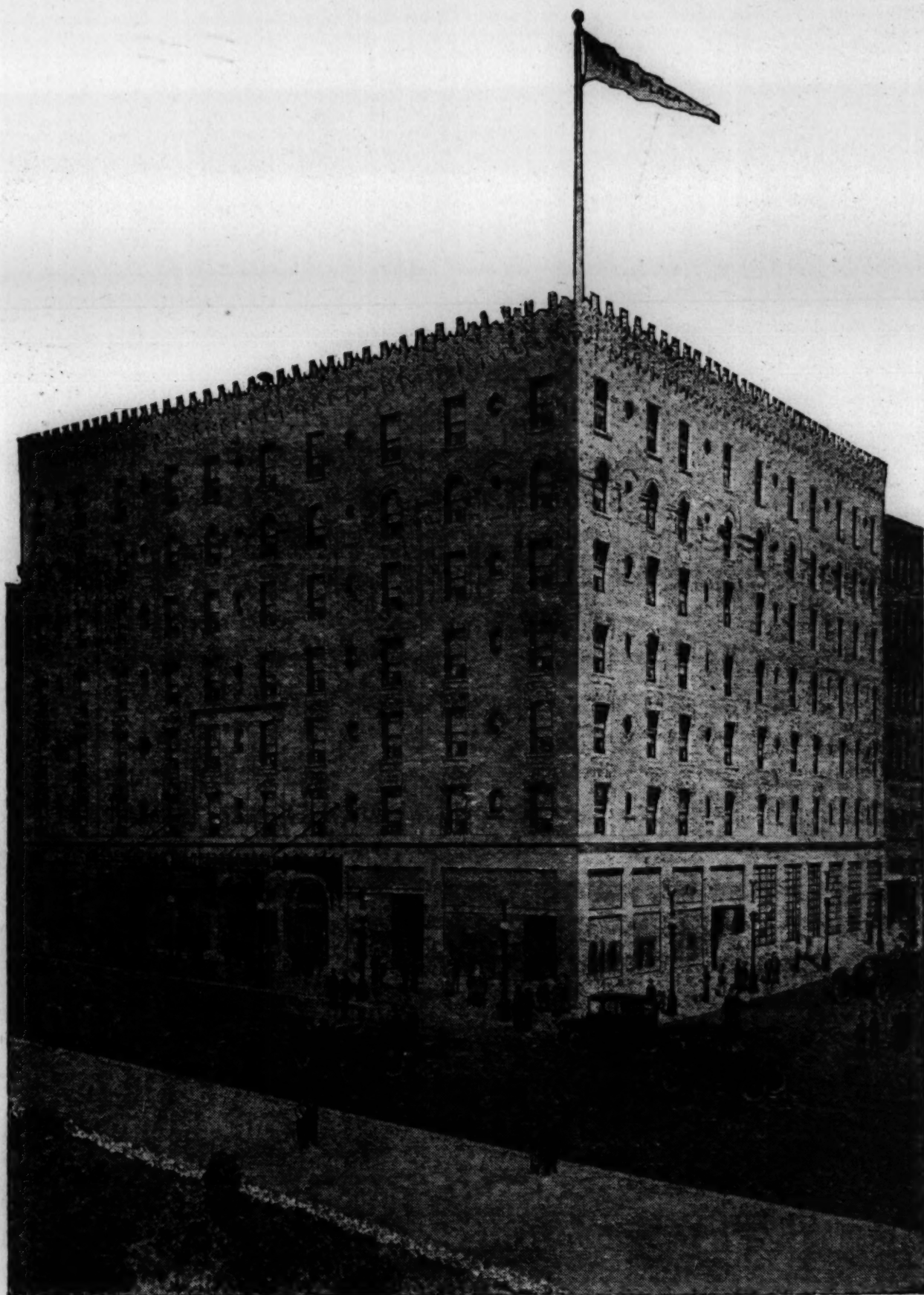
BROMIDIA AND THE HARRISON ACT

Inasmuch as BROMIDIA (Battle) has no opiate content whatever, it is not necessary to make use of the conditions of the Harrison Act in prescribing it. In using BROMIDIA (Battle) the physician can order it just as he always has done. In this connection we may add that by means of BROMIDIA (Battle) the physician is enabled to secure a well-balanced and carefully compounded bromide preparation, possessing marked advantages over one extemporaneously prepared.

Alcresta Ipecac presents great advantages in the oral treatment of amebic dysentery and pyorrhea, and is being used extensively. The Alcresta preparations are manufactured by Eli Lilly & Company and are supplied through the drug trade only.

Iogen Powder, Iogen Oil and Iogen Ointment are manufactured by Eli Lilly & Company. They present ideal methods for the external application of iodine, and reports from medical practitioners indicate that they are rendering excellent service.

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CALIFORNIA ECLECTIC MEDICAL SOCIETY**



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It tells you how to prescribe for the sick intelligently, rapidly, and successfully. No matter what school of medicine you belong to, you will need this book on your desk for daily reference.

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Gentlemen: Recently a small patch of Eczema, which has bothered me more or less for years, began to trouble me, and I found Zematol the very best application I have ever used. It relieved the itching immediately and under its use the skin has become smooth again. L. C. Cox, M. D., San Francisco, Calif.

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Take this application blank to any friend who is not a member and tell him about the advantages of your **State Society** and its annual meetings. Tell him about the advantages of belonging to the **National**, and that he ought to help in its work or organization, and that the **National Quarterly**, of over 400 pages, is alone worth the small amount of annual dues, \$2.00. Show him what he is missing by not being with us, and get him to sign this application blank, and you mail it to your State Society Secretary, and get credit for securing a new member.

BE A BOOSTER. There are 6800 Eclectic physicians in the United States, and scarcely 1500 belong to the National, and possibly 2300 to the various State Societies. You can help us secure affiliation by some new member. **DO IT NOW.**

Application for Membership

in

The.....State Society and in the National Eclectic Medical Association.

I hereby apply for membership in the.....State Society and in the National Eclectic Medical Association, and agree to support the Constitution and By-Laws of each. This will include my subscription to the National Quarterly.

I enclose herewith \$..... annual dues for one year in both Societies.

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P. O.....

State.....

Where graduated.....

State licensed in.....

Table of Contents

ORIGINAL CONTRIBUTIONS:

	PAGE
The Action of Phytolacca..... H. T. Cox, M.D.	139
Ingrowing Toenail—Its Non-operative Treatment A. E. Tschler, M.D.	142
The College..... H. Ford Seudder, M.D.	143
California State Board Questions.....	147
Graduates of the California Eclectic Medical College.....	157

EDITORIAL:

Our San Francisco Meetings.....	154
C. E. M. C. Commencement.....	154
Commencement Program.....	155

SELECTIONS:

The Intra-spinous Injection of Salvarsan and Salvarmized Serums.....	155
Three Good Remedies.....	157

SOCIETIES:

San Francisco Meeting Notice.....	159
-----------------------------------	-----

COLLEGE NOTES.....	160
--------------------	-----

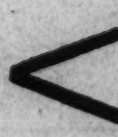
Index to Advertisers

American Apothecaries Co.....x	Katharmon Chemical Co.....xi
Antiphlogistine, Denver Chem. Co...i	Kress & Owen Co.....v
Battle & Co.v, ix	Lloyd Bros.xi
Bovine Companyvii	L. A. Eclectic Polyclinic.....vi
Bristol-Myers Co.vii	National Wm. N. Mundy Editor...xv
California Eclectic College.....vi	Od Chemical Co.....xiii
Chicago Pharmacal Co.....xiv	Pacific Surgical Mfg Co.....xvi
Dad Chemical Co.....xiii	Parke, Davis & Co.....Cover 1
Davis Magazinev	Ralph Sanitariumviii
Eclectic Booksvii	Sultan Drug Co.....vii
Eclectic Reviewix	San Diego Exposition.....x
Eli Lilly & CompanyCover 2	San Francisco Exposition.....xi
Fellows Co.Cover 4	Therapeutic Pub. Co.....xii
John B. Daniel.....iv	Westlake Hospitalxi

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